

CLAIMS

What is claimed is:

Sub B1 1. A system for remotely accessing a client in a client-
2 server system comprising :
3 a browser for requesting remote access;
4 a client machine further comprised of a listening program
5 responsive to requests for remote access and a client agent for
6 communicating with the browser and a server machine.

1 2. The system for remotely accessing a client in a client
2 server system as claimed in claim 1, wherein the browser requests
3 access to a client machine by sending a universal resource
4 locator containing a machine name and a port number over a
5 network.

1 Sub A1 3. The system for remotely accessing a client in a client
2 server system as claimed in claim 2, wherein the listing program
3 in the client machine is listening on the port number, and
4 establishes communications with the browser over a second port
5 number in response to the request for access.

1 4. The system for remotely accessing a client in a client
2 server system as claimed in claim 3, wherein the listening
3 program spawns the client agent to communicate with the browser
4 and the server.

1 5. The system for remotely accessing a client in a client
2 server system as claimed in claim 4, wherein the client agent
3 sends the browser an applet further comprising graphical user
4 interface to execute on the browser.

1 6. The system for remotely accessing a client in a client
2 server system as claimed in claim 5, wherein the applet executes
3 in the national language and locale of the browser.

1 7. The system for remotely accessing a client in a client
2 server system as claimed in claim 5, wherein the browser is
3 located on the server machine.

1 8. The system for remotely accessing a client in a client
2 server system as claimed in claim 5, wherein the graphical user
3 interface is a command line interface.

Sub Bn 7

1 9. A method for remotely accessing a client machine from a
2 browser over a network comprising the steps of:
3 providing a universal resource locator containing a machine
4 name and a port number at a command line at the browser;
5 listening at the port number for access requests at the
6 client machine;
7 responsive to a request for access from the browser,
8 invoking a client agent within an application programming
9 interface; and
10 communicating between the client agent and the browser over
11 the network.

1 10. The method for remotely accessing a client machine from
2 a browser over a network as claimed in claim 9, further
3 comprising the step of:
4 communicating between the client agent and a server over the
5 network.

1 11. The method for remotely accessing a client machine from
2 a browser over a network as claimed in claim 10, further
3 comprising the step of

4 sending from the client agent to the browser a graphical
5 user interface that looks like a GUI on the client machine when
6 running at the browser.

1 12. The method for remotely accessing a client machine from
2 a browser over a network as claimed in claim 11, wherein the
3 graphical user interface is implemented in a JAVA applet.

1 13. The method for remotely accessing a client machine from
2 a browser over a network as claimed in claim 10, wherein the
3 communications are comprised of performing client functions from
4 the browser.

1 14. The method for remotely accessing a client machine from
2 a browser over a network as claimed in claim 13, wherein the
3 communications are further comprised of retrieving files from the
4 server to the client machine.

1 15. The method for remotely accessing a client machine from
2 a browser over a network as claimed in claim 13, wherein the
3 communications are further comprised of backing up files on
4 client machine to the server.

1 ~~Sub B3~~ 16. A computer-readable medium having a program for
2 servicing a request using a client, the client being capable of
3 communicating with a browser, the client providing a plurality of
4 functions, the program containing instructions for:

5 providing a client agent containing a client platform and an
6 application programming interface; and

7 providing a listening program for listening for a
8 communication from the browser and invoking the client agent;

9 wherein the client agent communicates with both the browser
10 and a server.

1 17. The computer-readable medium as claimed in claim 16,
2 wherein the client and the server are on the same machine.

1 18. The computer-readable medium as claimed in claim 16,
2 wherein the browser and the server are on the same machine.

1 19. The computer-readable medium as claimed in claim 16,
2 wherein the communications by the client agent with the server
3 include instructions for backing up at least one client file.

1 20. The computer-readable medium as claimed in claim 16,
2 wherein the communications by the client agent with the server
3 include instructions for restoring at least one client file to
4 the client from the server.

1 21. The computer-readable medium as claimed in claim 16,
2 wherein the program instructions further include instructions
3 for:
4 sending the browser a graphical user interface that runs at
5 the browser.

1 22. The computer-readable medium as claimed in claim 21,
2 wherein the graphical user interface is a JAVA applet.